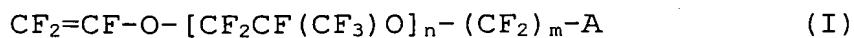


ABSTRACT

The present invention relates to a method for producing a fluorocopolymer which comprises a polymerization reaction of 5 a fluorine-containing ethylenic monomer with a fluorovinyl ether derivative represented by the following general formula (I):

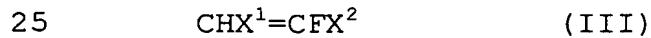


(wherein n represents an integer of 0 to 3, m represents an 10 integer of 1 to 5, and A represents $-\text{SO}_2\text{X}$ or $-\text{COOY}$; X represents a halogen atom or $-\text{NR}^1\text{R}^2$; R^1 and R^2 are the same or different and each represents a hydrogen atom, an alkali metal, an alkyl group or a sulfonyl-containing group and Y represents a hydrogen atom or an alkyl group having 1 to 4 carbon atoms) to give a 15 fluorocopolymer,

said fluorine-containing ethylenic monomer being a perhaloethylenic monomer represented by the following general formula (II):



20 (wherein R_f^1 represents a fluorine atom, a chlorine atom, R_f^2 or OR_f^2 ; R_f^2 represents a straight or branched perfluoroalkyl group having 1 to 9 carbon atoms, which may have an ether oxygen atom(s)) and/or a hydrogen-containing fluoroethylenic monomer represented by the following general formula (III):



(wherein X^1 represents a hydrogen atom or a fluorine atom and X^2 represents a hydrogen atom, a fluorine atom, a chlorine atom, R_f^3 or OR_f^3 ; R_f^3 represents a straight or branched perfluoroalkyl group having 1 to 9 carbon atoms, which may have an ether oxygen atom(s)), and said polymerization reaction being carried out in a saturated perfluorohydrocarbon while additional feeding of the fluorine-containing ethylenic monomer and fluorovinyl ether derivative being carried out.